UNIVERSITY of NEBRASKA LINCOLN

Clay County Irrigated 2023 Corn Hybrid Trial

Name	Company	Yield (bu/ac)[1]	Test Weight (lb/bu)	Ear Height (in)	Stand (plants/acre)
8864	Prairie Hybrids	**298.0**	56.4	**46.6**	34,735
5851	Prairie Hybrids	**285.3**	57.7	44.8	34,891
8683/8681	Prairie Hybrids	281.9	58.2	42.1	34,730
5883	Prairie Hybrids	272.8	**59.5**	39.3	33,994
6878	Prairie Hybrids	263.4	56.4	40.8	34,771
5142/5141	Prairie Hybrids	259.5	54.6	**47.9**	34,933
Farm Check	NA	244.5	56.2	41.1	27,873
	Standard Error	7.6	0.4	1.3	1,135
	LSD[2]	12.9	0.7	2.1	1,931
	Mean[3]	272.2	57.0	43.2	33,704
	CV[4]	2.8	0.8	2.9	3.4
	Reps	5	5	5	5

SITE INFORMATION

Collaborator:	South Central Ag Lab, Harvard, NE
Planting Date:	May 4, 2023
Seeding Rate:	35,600 seeds/acre
Harvest Date:	October 17, 2023
GPS Coordinates:	40.573772, -98.132874
Soil Type:	Crete silt loam
Fertility and Herbicides:	180 lb/a N as anhydrous ammonia on 4/3/2023; 2.5 qt/a Acuron on 5/16/2023
Planting Info:	Planted 2” on 30” rows no-till soybean stubble, soil moisture at planting was dry
Notes on Trial:	Very good yields and stands in nearly all hybrids, high test weights, no significant differences were found for lodging or green snap based on hybrid and very little lodging was seen overall

Do not reprint without permission. Contacts: Amanda Easterly or Cody Creech

[1] Yield values corrected to 15.5% moisture. Bolded values indicate highest LSD grouping.
[2] For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.
[3] Mean performance of all entries in the trial.
[4] Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high-quality trial. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.